

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph on page 23, beginning on line 14, with the following:

-- EXAMPLE 18

OLIGONUCLEOTIDE SYNTHESIS

Oligonucleotides incorporating cholesterol carbamate nucleoside are synthesized in an Expedite Synthesizer. An extended coupling time is used for cholesterol building blocks.

Oligomer VI TGC* ATC CCC CAG GCC ACC AT (SEQ ID NO.: 4)
(P=S)

Oligomer VII TC*G CAT CGA CCC GCC CAC TA (SEQ ID NO:5)
(P=S)

C*=Compound 9 synthesized according to Example 16

The oligonucleotides are purified by standard HPLC protocols. --

Please replace the paragraph on page 25, beginning on line 18, with the following:

-- EXAMPLE 20

EFFECT OF 2'-CHOLESTEROL CONJUGATED OLIGONUCLEOTIDE ON ICAM-1 EXPRESSION

The nucleoside-cholesterol conjugate (Compound 9) from Example 16 is incorporated into the antisense oligonucleotide developed for mouse model studies (ISIS 3082) disclosed by Stepkowski, *et al.*, *J. Immunol.* **1994**, 5337.)

Oligomer VI TGC* ATC CCC CAG GCC ACC AT (SEQ ID NO.: 4)
(P=S)

The resultant conjugate (Oligomer VI) is tested for inhibiting ICAM-1 expression. ISIS-3082 shows antisense inhibition in cell culture with an IC₅₀ of 100nM when formulated with a cationic lipid for delivery. --

Please replace the paragraph on page 31, beginning on line 27, with the following:

-- Oligomer XI: CTG TCT CCA* TCC TCT TCA CT (SEQ ID NO.: 6)

wherein A* represents a nucleotide functionalized to incorporate a biotin functionality linked via a 2'-carbamate amino linking group at the 2'-position of the designated nucleotide. --

Please replace the paragraph on page 32, beginning on line 4, with the following:

-- Oligomer XII: CTG TCT CCA* TCC TCT TCA* CT (SEQ ID NO.: 7)

wherein A* represents nucleotides functionalized to incorporate a biotin functionality linked via a 2'-carbamate aminolinker group to the 2'-position of the designated nucleotide. --

Please replace the paragraph on page 33, beginning on line 11, with the following:

-- Oligomer XIII: CTG TCT CCA* TCC TCT TCA CT (SEQ ID NO.: 7)

wherein A* represents a nucleotide functionalized to incorporate a alkaline phosphatase functionality linked via a 2'-carbamate-aminolinker-sulfo-SMCC (sulfosuccinimidyl-4-(N-maleimidomethyl)cylcohexane-1-carboxylate) linking group to the 2'-position of the designated nucleotide. --

Please replace the paragraph on page 34, beginning on line 1, with the following:

-- Oligomer XIV: CCC A*GG CUC AGA (SEQ ID NO.: 8)

wherein protein represents Staphylococcal Nuclease, the subscript "s" represents a phosphorothioate inter-nucleotide backbone linkage. --